

199—35.15(476) Exterior flood lighting.

35.15(1) *Newly installed lighting.* All newly installed public utility-owned exterior flood lighting shall be high-pressure sodium lighting or lighting with equivalent or better energy efficiency.

35.15(2) *In-service lighting replacement schedule.* In-service lighting shall be replaced with high-pressure sodium lighting or lighting with equivalent or better energy efficiency when worn out due to ballast or fixture failure for any other reason, such as vandalism or storm damage. A utility shall file with the board as part of its annual report required in 199—Chapter 23 a report stating progress to date in converting to high-pressure sodium lighting or lighting with equivalent or higher energy efficiency.

35.15(3) *Efficiency standards.* The standard for lighting efficiency shall be expressed in “lumens per watt.” A schedule of lumens per watt, correlated to bulb size, shall be used to reflect the inherent increase in efficiency as bulb size increases. The table of values for lighting efficacy extracted from the Standard Handbook for Electrical Engineers, Donald G. Fink and H. Wayne Beaty, Eds., Twelfth Edition, Table 26-14, shall be the standard for high-pressure sodium street and security lighting, within a 10 percent range below the stated values.